



Commonwealth Edison
Braidwood Nuclear Power Station
Route #1, Box 84
Braceville, Illinois 60407
Telephone 815/458-2801

April 12, 1994
BW/94-0059

Director
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Dear Sir:

Enclosed for your information is the Monthly Performance Report covering
Braidwood Nuclear Generating Station for the period March 1 through March 31, 1994.

K. L. Kofron
Station Manager
Braidwood Station

Attachments

cc: J. B. Martin, NRC, Region III
R. R. Assa, U.S.N.R.C.
I.D.N.S.
NRC Resident Inspector, Bwd
INPO Records Center
D. L. Farrar, Nuc. Reg. Serv. Mgr.
D. M. Saccomando, Nuc. Lic. Admin.
D. R. Eggett, Nuc. Eng. Dept.
S. M. Berg, Jr., Site V.P., Bwd
Nuc. Fuel Serv., PWR Plant Support
Results Eng. Group, Sys. Eng., Bwd
Nuc. Group, Sys. Eng., Bwd
I.D.N.S. Resident Inspector, Bwd.
J. M. Bunecicky, Westinghouse
D. R. Seavers, A.N.I.

9404180297 940331
PDR ADOCK 05000456
R PDR

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BRAIDWOOD NUCLEAR POWER STATION

UNIT 1 AND UNIT 2

MONTHLY PERFORMANCE REPORT

Commonwealth Edison Company

NRC DOCKET NO. 050-456, LICENSE NO. NPF-72

NRC DOCKET NO. 050-457, LICENSE NO. NPF-77

I. MONTHLY REPORT FOR BRAIDWOOD UNIT 1

A. SUMMARY OF OPERATING EXPERIENCE

Braidwood Unit 1 entered the month of March 1994 at approximately 88% capable. The Unit was shutdown on March 4 to begin refueling outage AIR04.

B. OPERATING DATA REPORT

Docket No: 50 - 456

Unit: Braidwood 1

Date: 4/10/94

Completed by: P. Stanczak

Telephone: 815-458-2801

OPERATING STATUS

- 1) Reporting Period: March 1994 Gross Hours: 744
- 2) Currently Authorized Power Level (MWt): 3411
 Design Electrical Rating (MWe-gross): 1175
 Design Electrical Rating (MWe-net): 1120
 Max Dependable Capacity (MWe-gross): 1175
 Max Dependable Capacity (MWe-net): 1120
- 3) Power level to which restricted (If Any): None
- 4) Reasons for restrictions (If Any): None

	<u>This mo</u>	<u>Yr to date</u>	<u>Cumulative</u>
5) Report Period Hours:	744.0	2,160.0	49,713.0
6) Hours Reactor Critical:	74.5	1,490.5	39,088.7
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	72.2	1,488.2	38,513.2
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWh):	200,276.9	4,812,341.1	117,752,868.1
11) Gross Elect. Energy (MWh):	69,630.0	1,676,250.0	40,490,837.0
12) Net Elect. Energy (MWh):	58,431.0	1,612,610.0	38,755,427.0
13) Reactor Service Factor:	10.0	69.0	78.6
14) Reactor Availability Factor:	10.0	69.0	78.6
15) Unit Service Factor:	9.7	68.9	77.5
16) Unit Availability Factor:	9.7	68.9	77.5
17) Unit Capacity Factor (MDC NET):	7.0	66.7	69.6
18) Unit Capacity Factor (DER NET):	7.0	66.7	69.6
19) Unit Forced Outage Rate:	0.0	0.0	9.2
20) Unit Forced Outage Hours:	0.0	0.0	3,905.1

21) Shutdown Schedule Over Next 6 Months. Refuel 3/4/94

22) If Shutdown at End of Reporting Period,
 Estimated Date of Startup. 4/27/94

C. . AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 456
Unit: Braidwood 1
Date: 4/10/94
Completed by: P. Stanczak
Telephone: 815-458-2801

MONTH: MARCH 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	<u>986</u>	16)	<u>-13</u>
2)	<u>978</u>	17)	<u>-13</u>
3)	<u>835</u>	18)	<u>-13</u>
4)	<u>-13</u>	19)	<u>-13</u>
5)	<u>-13</u>	20)	<u>-13</u>
6)	<u>-13</u>	21)	<u>-13</u>
7)	<u>-13</u>	22)	<u>-13</u>
8)	<u>-13</u>	23)	<u>-13</u>
9)	<u>-13</u>	24)	<u>-12</u>
10)	<u>-13</u>	25)	<u>-13</u>
11)	<u>-13</u>	26)	<u>-13</u>
12)	<u>-13</u>	27)	<u>-13</u>
13)	<u>-13</u>	28)	<u>-13</u>
14)	<u>-13</u>	29)	<u>-13</u>
15)	<u>-13</u>	30)	<u>-13</u>
		31)	<u>-13</u>

* Due to condenser efficiency

D. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 456
 Unit: Braidwood 1
 Date: 4/10/94
 Completed by: P. Stanczak
 Telephone: 815-458-2801

REPORT PERIOD: MARCH 1994

<u>No.</u>	<u>Date</u>	<u>Type</u>	<u>Hours</u>	<u>Reason</u>	<u>Method</u>	<u>LER Number</u>	<u>System</u>	<u>Component</u>	<u>Cause & Corrective Action to Prevent Recurrence</u>
15	940304	S	669.5	C	1			REFUEL OUTAGE	

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F - Forced	A - Equipment Failure Maint or Test	1 - Manual	Exhibit F & Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161).
S - Scheduled	B - Maint or Test	2 - Manual Scram	
	C - Refueling	3 - Auto Scram	
	D - Regulatory Restriction	4 - Continued	
	E - Operator Training & Licensee Examination	5 - Reduced Load	
	F - Administration		
	G - Oper Error		
	H - Other		

E. SAFETY/RELIEF VALVE OPERATIONS

Docket No.: 50 - 456
Unit: Braidwood 1
Date: 4/10/94
Completed by: P. Stanczak
Telephone: 815-458-2801

<u>Date</u>	<u>Valves Actuated</u>	<u>No. & Type Actuation</u>	<u>Plant Condition</u>	<u>Description of Event</u>
None				

F. LICENSEE EVENT REPORTS - UNIT 1

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period, March 1 through March 31, 1994. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
94 - 001	03/04/94	Valves May Not Stroke Under Certain Conditions due to Design Deficiency.
94 - 002	03/21/94	Main Control Room Ventilation Dampers Declared Inoperable due to Battery Failure.

II. MONTHLY REPORT FOR BRAIDWOOD UNIT 2

A. SUMMARY OF OPERATING EXPERIENCE

Braidwood Unit 2 entered the month of March 1994 at approximately 100% capable. The Unit operated routinely through the end of the month.

B. OPERATING DATA REPORT

Docket No: 50 - 457

Unit: Braidwood 2

Date: 4/10/94

Completed by: P. Stanczak

Telephone: 815-458-2801

OPERATING STATUS

- 1) Reporting Period: March 1994 Gross Hours: 744
- 2) Currently Authorized Power Level (MWt): 3411
 Design Electrical Rating (MWe-gross): 1175
 Design Electrical Rating (MWe-net): 1120
 Max Dependable Capacity (MWe-gross): 1175
 Max Dependable Capacity (MWe-net): 1120
- 3) Power level to which restricted (If Any): None
- 4) Reasons for restrictions (If Any): None

	<u>This mo</u>	<u>Yr to date</u>	<u>Cumulative</u>
5) Report Period Hours:	744.0	2,160.0	47,795.0
6) Hours Reactor Critical:	744.0	2,160.0	40,474.1
7) RX Reserve Shutdown Hours:	.0	.0	.0
8) Hours Generator on Line:	744.0	2,160.0	40,146.3
9) Unit Reserve Shutdown Hours:	.0	.0	.0
10) Gross Thermal Energy (MWh):	2,522,680.1	6,411,499.8	120,899,696.8
11) Gross Elect. Energy (MWH):	873,754.0	2,216,186.0	41,330,009.0
12) Net Elect. Energy (MWH):	855,782.0	2,148,532.0	39,615,115.0
13) Reactor Service Factor:	100.0	100.0	84.7
14) Reactor Availability Factor:	100.0	100.0	84.7
15) Unit Service Factor:	100.0	100.0	84.0
16) Unit Availability Factor:	100.0	100.0	84.0
17) Unit Capacity Factor (MDC NET):	102.7	88.8	74.0
18) Unit Capacity Factor (DER NET):	102.7	88.8	74.0
19) Unit Forced Outage Rate:	0.0	0.0	3.5
20) Unit Forced Outage Hours:	0.0	0.0	1,446.0

21) Shutdown Schedule Over Next 6 Months. Refuel 9/94

22) If Shutdown at End of Reporting Period,
 Estimated Date of Startup. N/A

C. AVERAGE DAILY UNIT NET POWER LEVEL LOG

Docket No: 50 - 457
Unit: Braidwood 2
Date: 4/10/94
Completed by: P. Stanczak
Telephone: 815-458 2801

MONTH: MARCH 1994

<u>Day</u>	<u>MWe-net</u>	<u>Day</u>	<u>MWe-net</u>
1)	<u>1141</u> *	16)	1154 *
2)	<u>1144</u> *	17)	1156 *
3)	<u>1143</u> *	18)	1155 *
4)	<u>1129</u> *	19)	1157 *
5)	<u>1133</u> *	20)	1156 *
6)	<u>1139</u> *	21)	1156 *
7)	<u>1138</u> *	22)	1159 *
8)	<u>1147</u> *	23)	1157 *
9)	<u>1156</u> *	24)	1155 *
10)	<u>1156</u> *	25)	1157 *
11)	<u>1156</u> *	26)	1158 *
12)	<u>1156</u> *	27)	1159 *
13)	<u>1155</u> *	28)	1159 *
14)	<u>1156</u> *	29)	1159 *
15)	<u>1154</u> *	30)	<u>1159</u> *
		31)	<u>1086</u>

* Due to condenser efficiency

D. UNIT SHUTDOWNS/REDUCTIONS

Docket No.: 50 - 457
 Unit: Braidwood 2
 Date: 4/19/94
 Completed by: P. Stanczak
 Telephone: 315-458-2801

REPORT PERIOD: MARCH 1994

<u>No.</u>	<u>Date</u>	<u>Type</u>	<u>Hours</u>	<u>Reason</u>	<u>Method</u>	<u>LER Number</u>	<u>System</u>	<u>Component</u>	<u>Cause & Corrective Action to Prevent Recurrence</u>
None									

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F - Forced	A - Equipment Failure Maint or Test	1 - Manual	Exhibit F & Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161).
S - Scheduled	B - Maint or Test	2 - Manual Scram	
	C - Refueling	3 - Auto Scram	
	D - Regulatory Restriction	4 - Continued	
	E - Operator Training & Licensee Examination	5 - Reduced Load	
	F - Administration		
	G - Oper Error		
	H - Other		

E. SAFETY RELIEF VALVE OPERATIONS

Docket No.: 50 - 457
Unit: Braidwood 2
Date: 4/10/94
Completed by: P. Stanczak
Telephone: 815-458-2801

<u>Date</u>	<u>Valves Actuated</u>	<u>No. & Type Actuation</u>	<u>Plant Condition</u>	<u>Description of Event</u>
None				

F. LICENSEE EVENT REPORTS - UNIT 2

The following is a tabular summary of all Licensee Event Reports submitted during the reporting period March 1 through March 31, 1994. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in 10 CFR 50.73.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
94 - 001	03/02/94	Valves Not Included in Primary Containment Integrity Verification Surveillance due to Preservice Design Deficiency.